Abrasion-resistant fluoro polymer mixtures.

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Equivalents:	CN1083464B, CN1098118, DE4323121, JP7166018, MX9405237
Cited Documents:	EP0199991; EP0356948; JP60038465

Abstract

Abrasion-resistant fluoropolymer mixture comprising (A) from 75 to 99% by weight of a fluorocarbon polymer (B) from 1 to 25% by weight of an oxidised polyarylene sulphide and, based on the sum (A) + (B), (C) from 0 to 15% by weight of a filler. The mixture is used for the production of lining tubes for Bowden cables which are pressure-resistant and abrasion-resistant.

l2 (1+2, 5)

l3 not

TRANSFER MEMBER, ITS PRODUCTION AND IMAGE FORMING DEVICE

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Applicant(s): CANON INC

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Abstract

PROBLEM TO BE SOLVED: To obtain a transfer member having high transfer efficiency by incorporating fluorine-containing polyphenylene sulfide resin into a transfer member cylindrically formed by melt extrusion. SOLUTION: The transfer member obtained by cylindrically extruding a molding material and molding it in the desired shape and size contains fluorine- containing polyphenylene sulfide resin. Polyphenylene sulfide resin containing fluorine atoms in its skeleton or a polymer alloy of a fluoropolymer and polyphenylene sulfide resin may be used as the fluorine-containing polyphenylene sulfide resin. The polymer alloy has inseparably integrated macromolecules of the fluoropolymer and polyphenylene sulfide resin and is obtained independently of reaction steps, production steps and the final state of macromolecules. The polymer alloy includes a copolymer of the fluoropolymer and polyphenylene sulfide resin, e.g. an alternating or random copolymer or the like.

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